FOS CDR RID Report

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Document FOS CDR

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Review FOS
Originator Ref
Priority 2

Section	**Page**	**Figure Table**

Category Name CMS Design

Sub Category

Subject Constraint checking for commands

Actionee ECS

Description of Problem or Suggestion:

A separate rule-based system is used for command constraint checking than for s/c monitoring. It's less flexible and requires software changes for new rules.

Originator's Recommendation

Examine using the rule-based system for FOS.

GSFC Response by:

GSFC Response Date

HAIS Response by: Jon Kuntz

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/17/95

Agree. The FOS is currently using the RTworks product for the Expert Advisor. We agree that migrating CMS constraint checking to RTworks has potential benefits. As a result, the FOS has begun to explore the possibility of using RTworks for command constraint checking and several members of CMS and Analysis have begun meeting to explore the possibility. When all of the benefits and potential hazards of such of a migration have been identified, the FOS shall determine if such a design change is warranted. The current plan is to complete the evaluation by 1/19/96.

The pertinent Software Development File (SDF) will be updated to reflect this design modification. The complete design document will be redelivered as part of the RRR documentation package.

Status **Closed**   **Date Closed** **1/17/96**   **Sponsor** **Johns**

****** **Attachment if any** ******